

sole plate is welded to the girder plate on each side of the girder, parallel to the girder length. Because that weld would have to be performed upside down, the weld length in this test was perpendicular to the girder on each side of the diaphragm. Figure 46 shows how all the components are placed together.



Figure 45. Connection details (from www.ncdot.org)

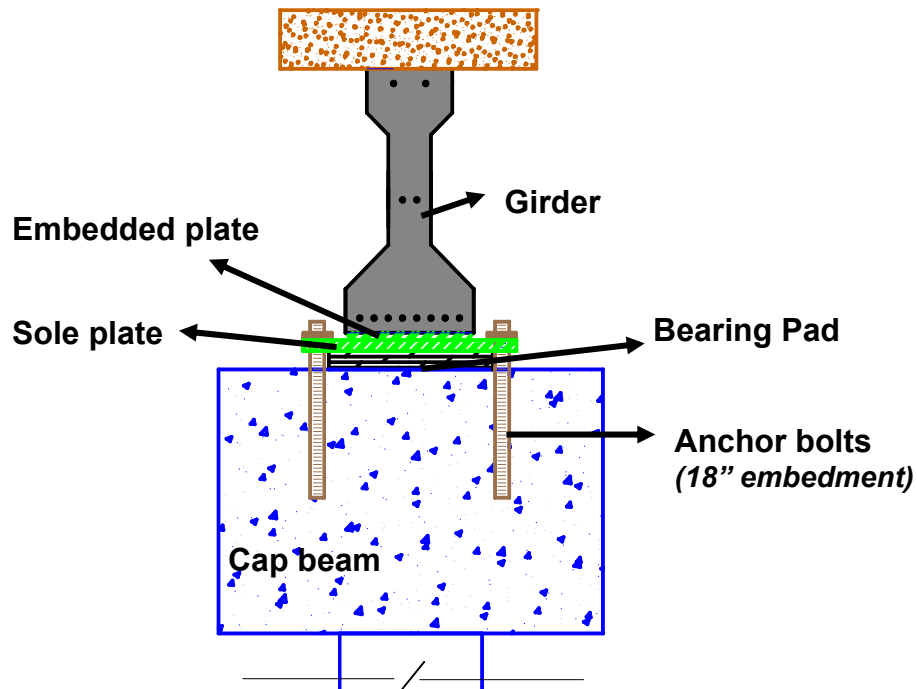


Figure 46. Connection elements in a bearing-supported bridge